

AMENDMENTS TO THE SPECIFICATION:

Please amend the Title (as it appears in the published PCT application) as follows:

~~DETERMINATION OF THE HEAT CONTACT VALUE OF A BUILDING~~

DETERMINATION OF THE CONNECTED HEATING LOAD OF A BUILDING

Please delete the word “Description” on page 1, line 3.

Please insert the following heading on page 1, above line 7:

TECHNICAL FIELD

Please insert the following heading on page 1, above line 12:

BACKGROUND OF THE INVENTION

Please amend the paragraph beginning on page 4, line 8, as follows:

~~The object of the present invention is therefore~~ Accordingly, it may be desirable to specify a method and a system of the type mentioned above which does not have these disadvantages.

Please delete the paragraph beginning on page 4, line 11.

~~The object is achieved by a method according to Patent Claims 1 and 47, respectively, as well as by a system according to Patent Claim 41. Embodiments and improvements of the idea according to the present invention are the subject matter of subclaims.~~

Please insert the following heading on page 1, above line 14:

SUMMARY OF THE INVENTION

Please amend the paragraph beginning on page 4, line 15, as follows:

According to the present invention, [[The]] an advantage of the ~~present invention~~ system described herein is that the actual degree of utilization is included in the calculations of the heat performance transferred from the heating system to the building, in particular as a function of the operating behavior. The present invention is based on the understanding that the efficiency may fluctuate greatly over time. According to the present invention, the degree of utilization is precisely detected over time as the efficiency or losses of the heating system and evaluated via the variables measured synchronously over a certain observation period. This makes the ascertained connected heating load largely independent of dynamic influences. The connected heating load ascertained according to the present invention is therefore much more accurate than in all known methods.

Please amend the paragraph beginning on page 6, line 28, as follows:

The connected heating load (capacity value or heating load) of the ~~heating system~~ building is finally calculated from the maximum heating performance and the observation duration. The latter is very precise, due to the strictly synchronous, time-dependent measured value acquisition and evaluation.

Please insert the following heading on page 14, above line 19:

BRIEF DESCRIPTION OF THE DRAWINGS

Please insert the following heading on page 14, above line 30:

DETAILED DESCRIPTION OF VARIOUS EMBODIMENTS

Please insert the following paragraph on page 14, above line 30:

Referring now to the figures of the drawing, the figures comprise a part of this specification and illustrate exemplary embodiments of the described system. It is to be understood that in some instances various aspects of the system may be shown schematically or may be exaggerated or altered to facilitate an understanding of the system.

Please amend the paragraph beginning on page 32, line 18, as follows:

It should be noted that it is ~~important~~ desirable to take into account the fact that, during a warm start phase, the waste gas temperature is higher than the boiler water temperature at the time the heating system is started up.

Please insert the following paragraph beginning on page 36, line 6:

Other embodiments of the invention will be apparent to those skilled in the art from a consideration of the specification or practice of the invention disclosed herein. It is intended that the specification and examples be considered as exemplary only, with the true scope and spirit of the invention being indicated by the following claims.